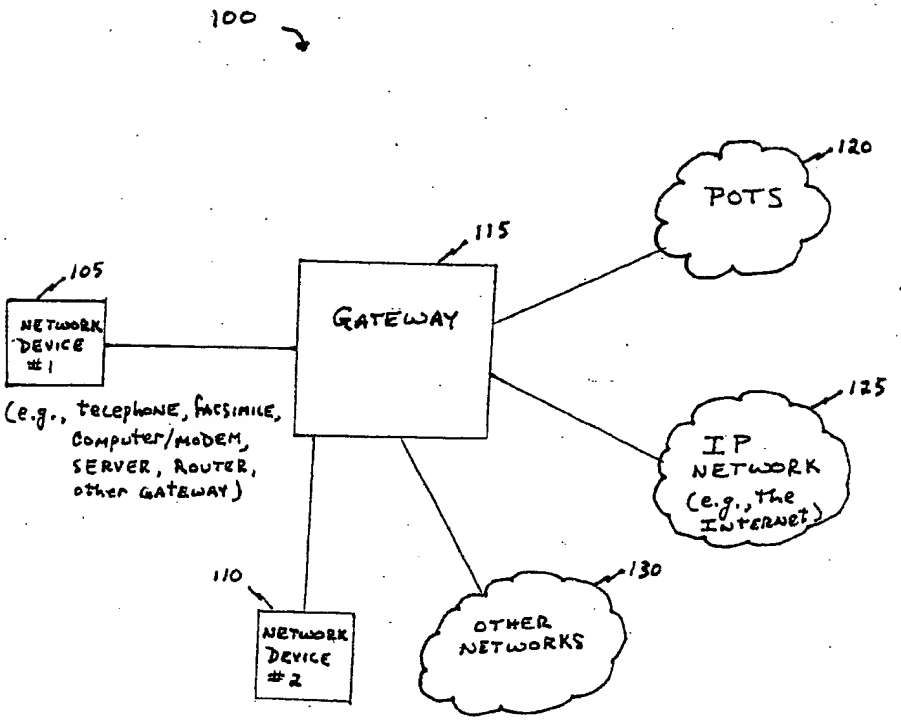

FIG. 1

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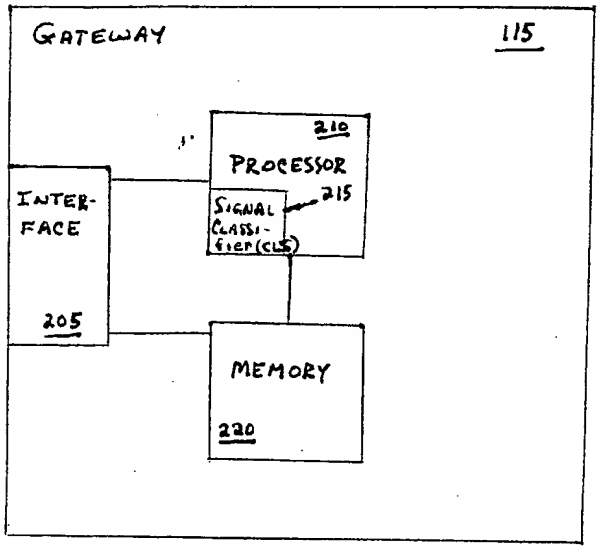

FIG. 2

Docket/App No.: 2376.2003-000

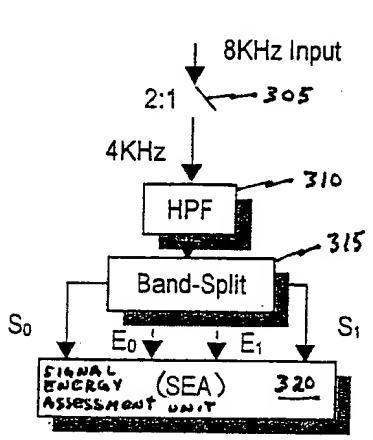

FIG. 3

EOS2NO 2502178650

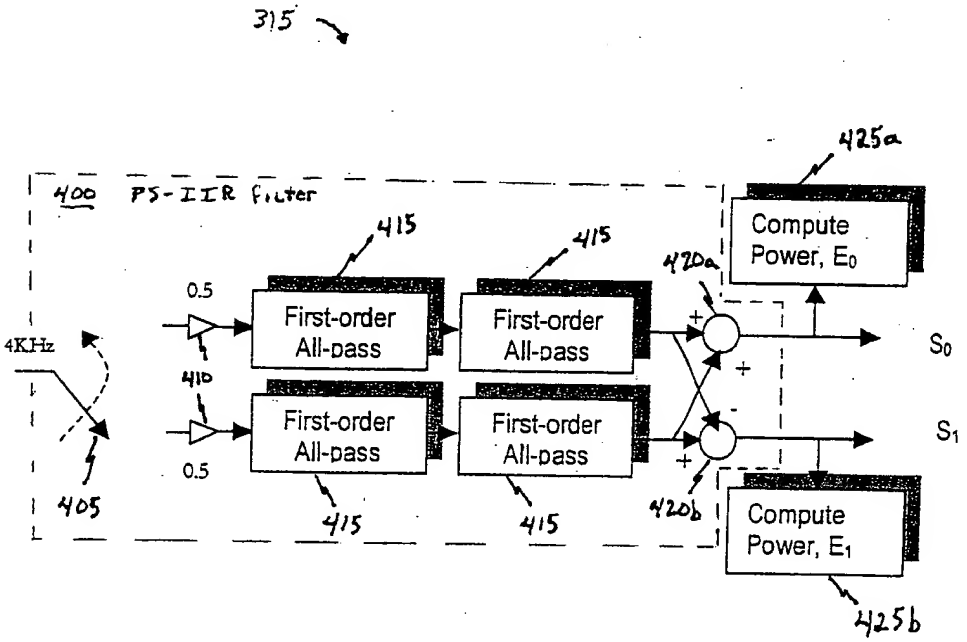

FIG. 4

EDS2470 v1 2376.2003-000

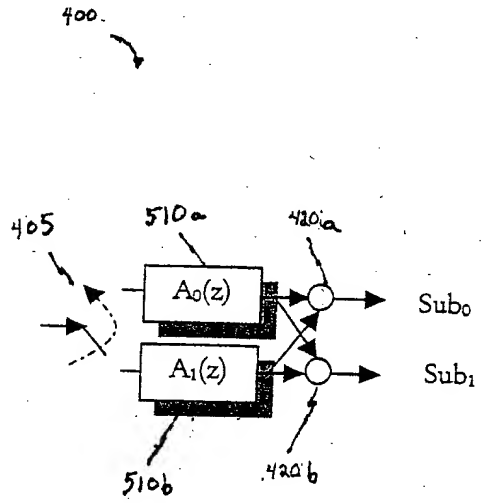

FIG. 5

Doc Number: 0003

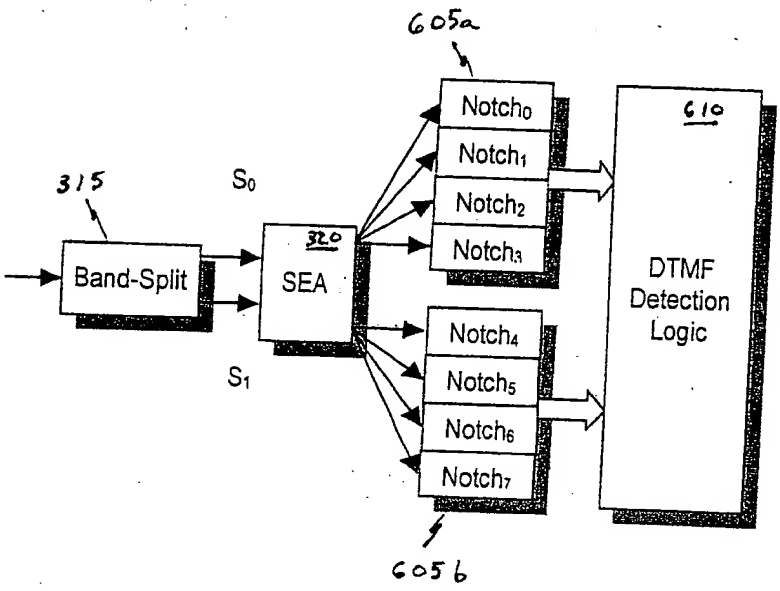

FIG. 6

EFS-Web 2.0.05 - 07/23/2004

EXPRESS MAIL

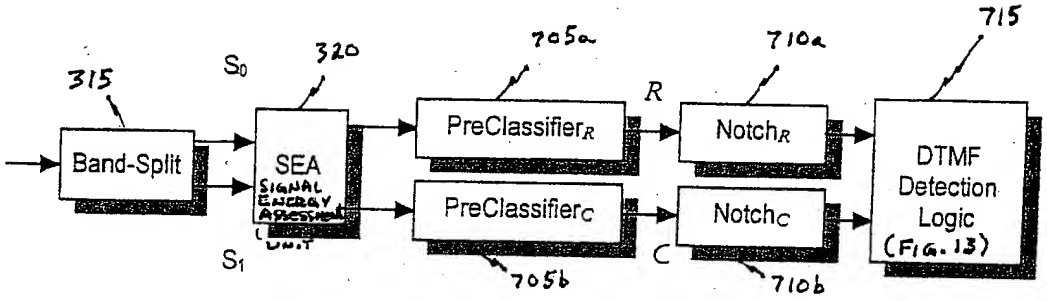

FIG. 7

T-852 P.08/29 F-950

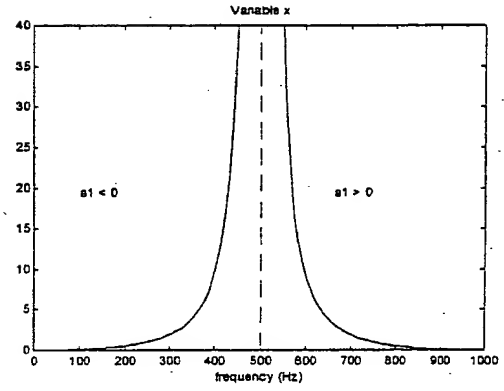

FIG. 8

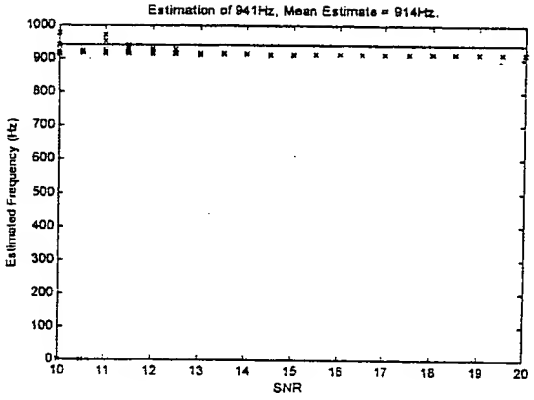

FIG. 9A

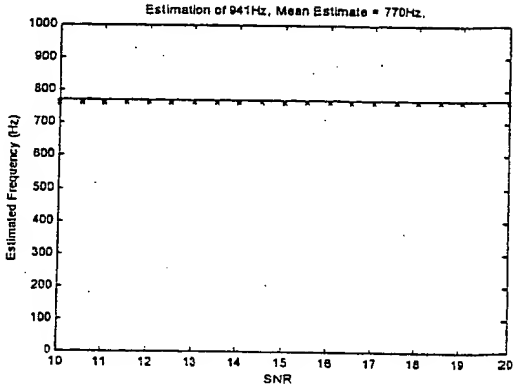

FIG. 9B

T052705v1 052704.360

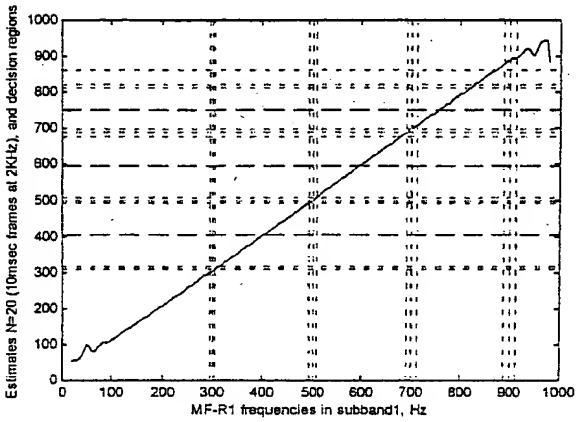

FIG. 10

PD-203260

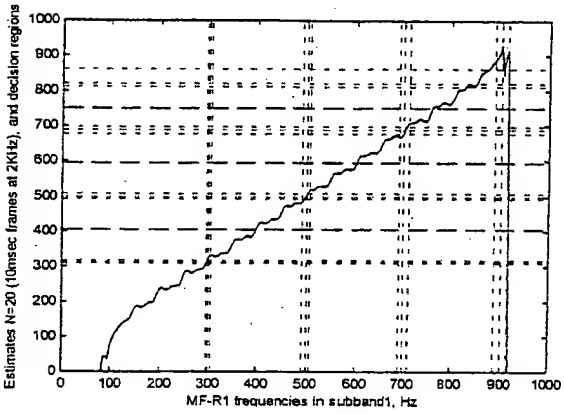

FIG. 11

TABLE 2 - 5027860

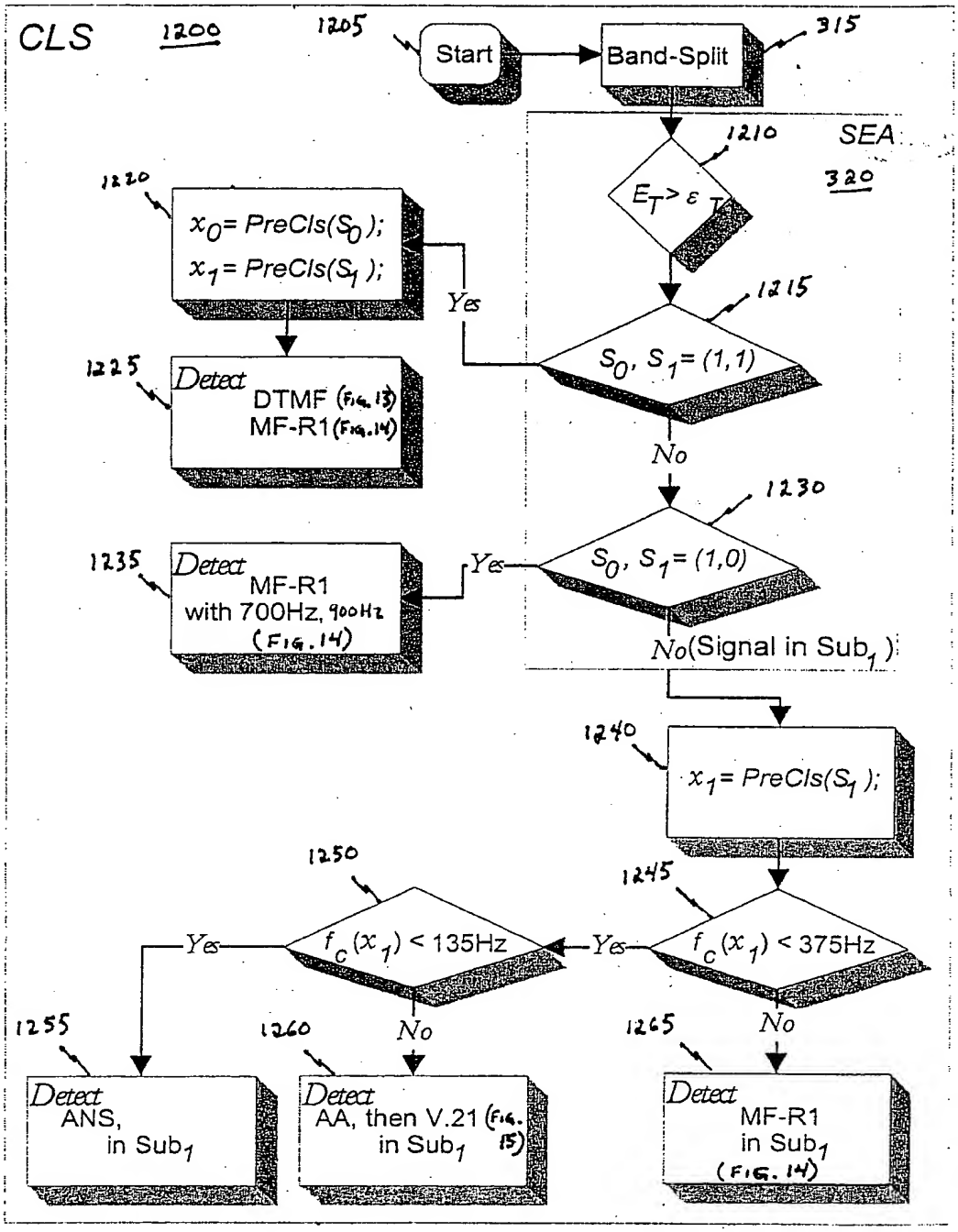

Fig. 12

10523.0.2502860

715
(p/o step 1225, Fig. 12)

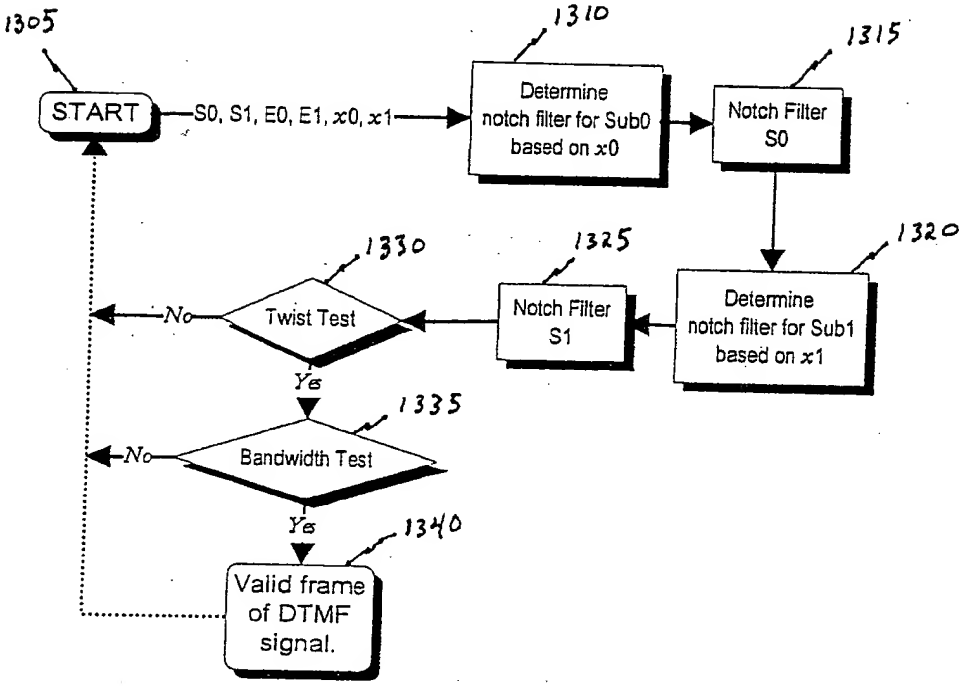

FIG. 13

EXPRESS MAIL NO. EV 339205950 US

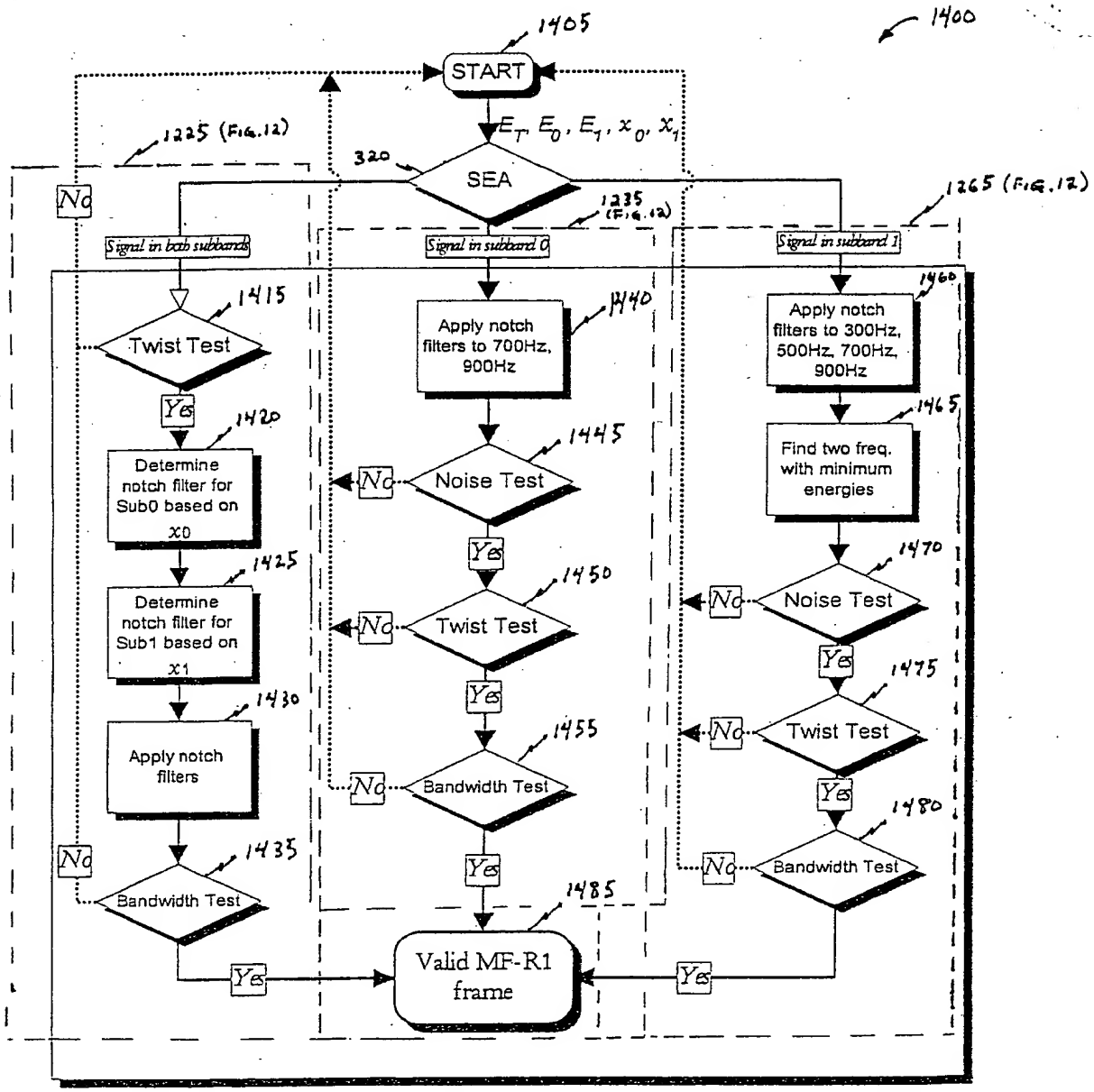
1400
1405
START
E_T, E_0, E_1, x_0, x_1
320
SEA
1225 (FIG. 12)
1235 (FIG. 12)
1265 (FIG. 12)
No
Signal in both subbands
Signal in subband 0
Signal in subband 1
1415
Twist Test
Yes
1420
Determine notch filter for Sub0 based on x0
1425
Determine notch filter for Sub1 based on x1
1430
Apply notch filters
1435
Bandwidth Test
1440
Apply notch filters to 700Hz, 900Hz
1445
Noise Test
1450
Twist Test
1455
Bandwidth Test
1460
Apply notch filters to 300Hz, 500Hz, 700Hz, 900Hz
1465
Find two freq. with minimum energies
1470
Noise Test
1475
Twist Test
1480
Bandwidth Test
1485
Valid MF-R1 frame

FIG. 14

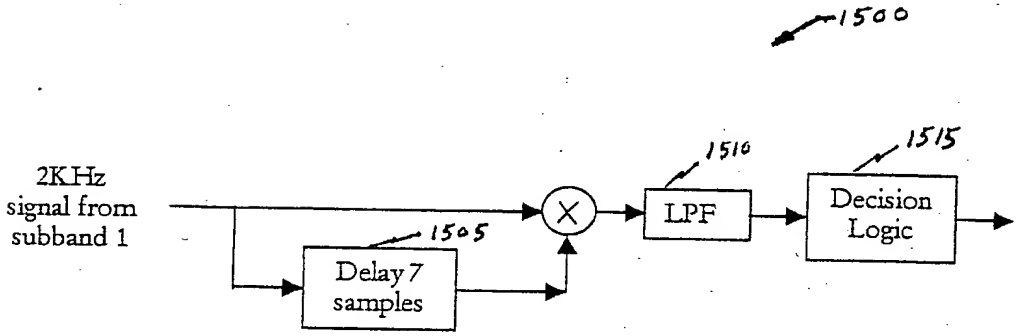

FIG. 15

10020704.950220

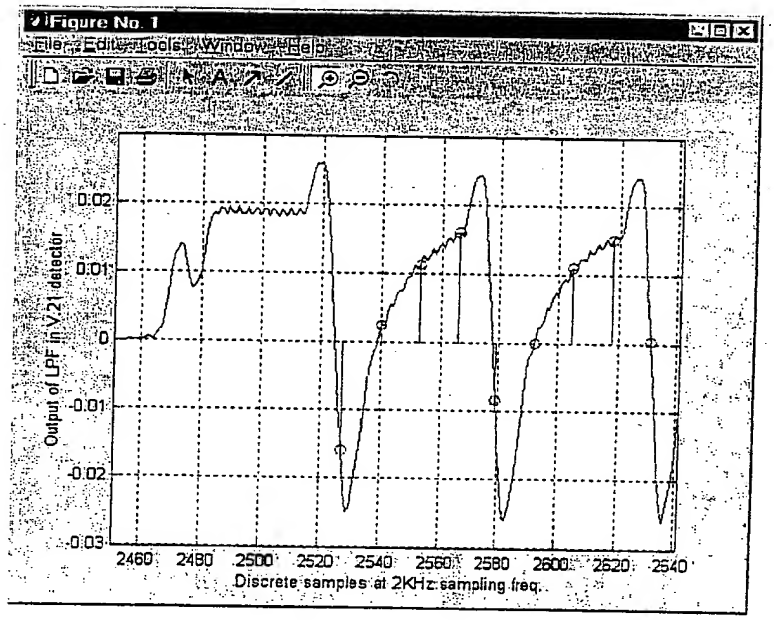

FIG. 16

10/3/2007, 5:00:21 PM

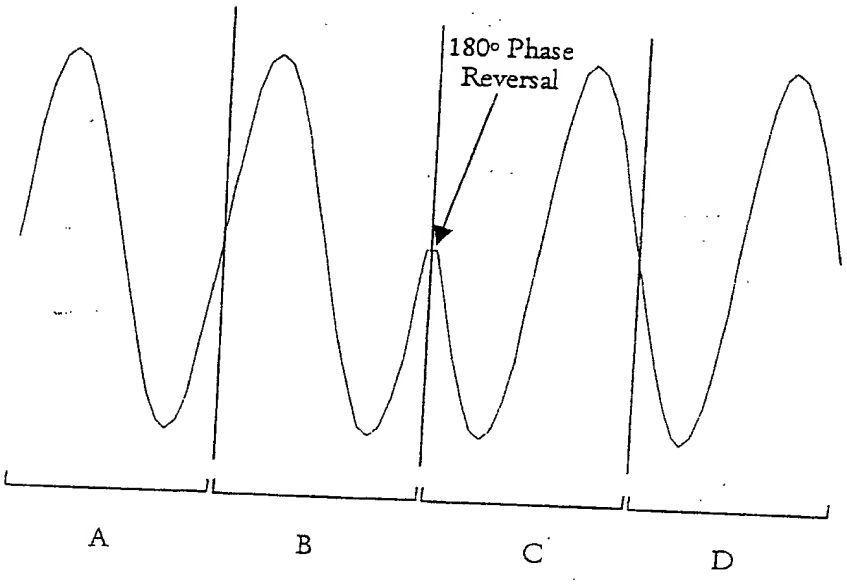

FIG. 17

10523203.050204

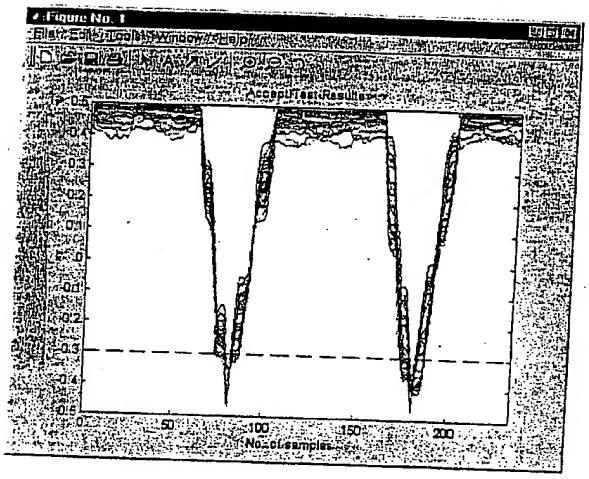

Fig. 18A

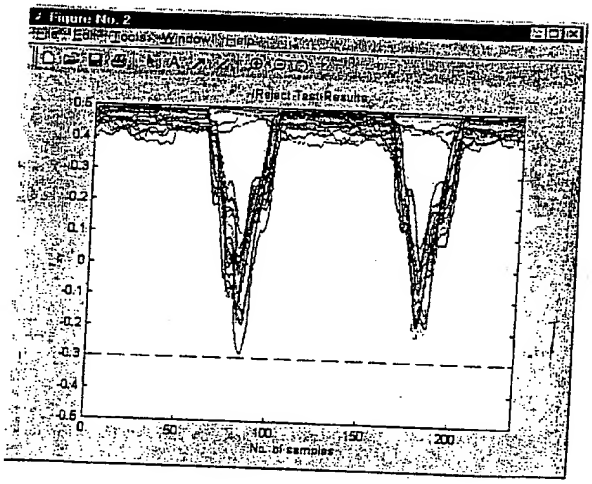

Fig. 18B

09120504.050204